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2676
FACSIMILE TRANSMITTAL SHEET

TO:	Examiner Edwyn Labaze	FROM:	Kent J. Sieffert
COMPANY:	U.S. Patent & Trademark Office	DATE:	FEBRUARY 20, 2003
FAX NUMBER:	703-872-9318	TOTAL NO. OF PAGES INCLUDING COVER:	19
PHONE NUMBER:	703-305-5437	SENDER'S REFERENCE NUMBER:	1004-065US01
RE:	Amendment to Office Action	YOUR REFERENCE NUMBER:	10/027,764

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY

NOTES/COMMENTS:

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TECHNOLOGY CENTER 2800

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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Thomas F. Look	Examiner:	Edwyn Labaze
Serial No.:	10/027,764	Group Art Unit:	2876
Filed:	December 19, 2001	Docket No.:	1004-065US01
Title:	ARTICLE WITH RETROREFLECTIVE AND RADIO FREQUENCY-RESPONSIVE FEATURES		

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being transmitted via facsimile to the Commissioner for Patents, Washington, D.C. 20231 on February 20, 2003.

By: Shirley A. Betlach
Name: Shirley A. Betlach

COMMUNICATION

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Commissioner for Patents
Washington, D.C. 20231

FEB 20 2003

Dear Sir:

TECHNOLOGY CENTER 2800

It has come to our attention that in a Response to Office Action dated February 5, 2003, Applicant inadvertently failed to include a version of the claims showing changes pursuant to 37 CFR § 1.121(c)(ii). In particular, the Response showed only the claims as amended, but failed to show changes from previously pending claims.

For the convenience of the Examiner, Applicant has attached (1) a copy of the Response filed February 5, 2003, and (2) a corrected "Version Showing Changes Pursuant to 37 CFR § 1.121(c)(ii)," (2 pages).

Date:

By:

February 20, 2003
SHUMAKER & SIEFFERT, P.A.
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Telephone: 651.735.1100
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Kent J. Sieffert
Name: Kent J. Sieffert
Reg. No.: 41,312

VERSION SHOWING CHANGES PURSUANT TO 37 CFR § 1.121(c)(ii)

1. (Amended) A combination tag, comprising:
a retroreflective article having an optical article and a reflective layer;
wherein the optical article includes an optical surface, an opposite rear surface,
and a structured surface coextensive with one of the optical surface and the rear surface;
wherein the reflective layer ~~is~~comprises a metallized ink deposited on at least a
portion of the structured surface of the optical article;
a radio frequency-responsive element including an antenna and an integrated
circuit, the radio frequency-responsive element having information storage and transmission
capabilities adapted to enable an interrogation system to obtain information from the radio
frequency-responsive element; and
wherein the radio frequency-responsive element is coupled to one of the optical
surface or rear surface of the retroreflective article.
2. (Amended) The combination tag of claim 1 wherein the ~~reflective-~~
~~layer~~metallized ink includes a polymer carrier and non-contiguous metal layer-particles.
3. ~~The combination tag of claim 2 wherein the reflective layer is a metallized ink.~~
4. (Amended) The combination tag of claim 32 wherein the metallized
ink~~reflective layer~~ has a metal content of about 10% to 14% by volume.
5. (Amended) The combination tag of claim 32 wherein the metal is silver.
6. The combination tag of claim 1 wherein the optical article includes glass
microspheres embedded in a spacing resin, and wherein the optical surface and rear surface are
formed from the spacing resin.

7. The combination tag of claim 6 wherein the reflective layer is deposited directly on at least portions of the spacing resin.

8. The combination tag of claim 1, and further comprising security indicia disposed on the optical article.

9. (Amended) A combination tag, comprising:
a retroreflective article having an optical article and a reflective layer;
wherein the optical article includes optical elements comprising microspheres, embedded in a spacing resin, the optical article having an optical surface and an opposite structured rear surface formed from the spacing resin; and
wherein the reflective layer is a non contiguous metallized layer deposited on at least a portion of the structured rear surface of the optical article; and
a radio frequency-responsive element coupled to the rear surface of the article, the radio frequency-responsive element including an antenna and an integrated circuit, the radio frequency-responsive element having information storage and transmission capabilities adapted to enable an interrogation system to obtain information from the radio frequency-responsive element.

10.(New) The combination tag of claim 9 wherein the reflective layer includes a metallized ink deposited on at least a portion of the structured rear surface of the optical article.

11.(New) The combination tag of claim 10 wherein the metallized ink includes a polymer carrier and non-contiguous metal particles.

12.(New) The combination tag of claim 11 wherein the metallized ink has a metal content of about 10% to 14% by volume.

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USPTO->

651-735-1102 RIG FAX

Page 001

TO:Auto-reply fax to 651-735-1102 COMPANY:

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UNITED STATES
PATENT AND
TRADEMARK OFFICE

TO:

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02/05/2003 16:43	651-735-1102	SHUMAKER & SIEFFERT	PAGE 01/13
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FACSIMILE TRANSMITTAL SHEET	
TO:	FROM:
Resubmit: Eileen Labadie	Kenn J. Sieffert
COMPANY:	DATE:
U.S. Patent & Trademark Office	FEBRUARY 5, 2003
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703-305-5437	1044-0651-501
RE:	YOUR REFERENCE NUMBER:
Amendment to Office Action	10/027,564

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY

NOTES/COMMENTS:

Received from <651-735-1102> at 2/20/03 11:43:33 AM [Eastern Standard Time]

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TECHNOLOGY CENTER 2800

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COMPANY: **U.S. Patent & Trademark Office**

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YOUR REFERENCE NUMBER: **10/027,764**

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By: Shirley A. Betlach
Name: Shirley A. Betlach

BOX Non-Fee Amendments
Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing
☒ Amendment (11 pgs.)
☒ No additional fee is required

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date: February 5, 2003

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